PHŒNIX Neo

ATX Mid Tower Case

ECA3162-B

ECA3162-BS

Product features

25cm ø fan on side panel
Fan speed control (600–900 RPM) with patented switchable airflow direction (In/Out/Off) and LED ON/OFF-button (red and blue LED-color depending on model).

12cm ø front fan
With LED-light (red and blue LED-color depending on model).

Fanslot
Prepared for one rear fan (8cm, 9cm or 12cm).

Opennings for water cooling
at the backside of the case.

Interface
On top: eSATA (up to 3GB/s), 4x USB 2.0, HD Audio I/O.

Drive-bays
5x 5,25" (exposed), 1x 3,5" (exposed), 4x 3,5" (hidden)

Drive flip covers
2 intergrated CD/DVD-ROM flip covers.

Screwless quick release fastener
For drive-bays

Removeable HDD-cage
For easy HDD-installation.

Micro dust filter
At the front fan. Easy to clean.

Dimensions
(W x H x D): 216mm x 448mm x 503mm
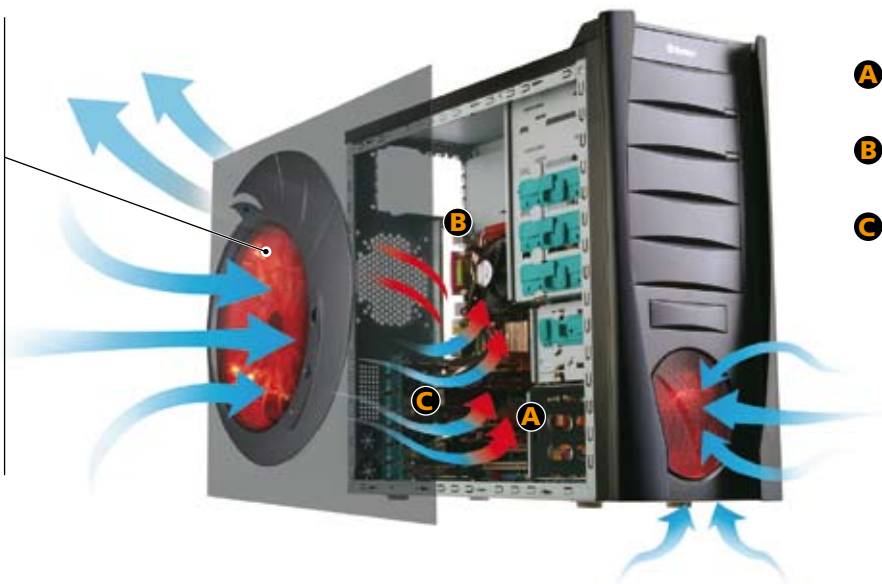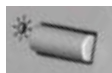
Material
0,6mm SECC and aluminum

Weight 9kg

2 years warranty

Cooling

25cm MONSTER FAN

600–900 RPM
15–33 dB(A)
88–150 CFM

• Fan speed control

• Airflow In/Out/Off

• LED-button On/Off

A **12cm FRONT FAN**
for HDD cooling

B **25cm MONSTER FAN**
for CPU cooling

C **25cm MONSTER FAN**
for GPU cooling

Features external

A **INTERFACE**
on top

1x eSATA (up to 3 Gb/s)
4x USB 2.0
HD Audio In/Out

B **MATERIAL**
0,6mm SECC and aluminum

0,3mm hair-brushed
aluminum curve design

C **FLIP COVERS**
for CD/DVD-drives

Features internal

Tool-free drive bay design

Removable HDD-cage for easy
assembling

Openings for external
water cooling system

Tool-free slot design

Test monser fan vs. air-duct

Environment

Below is the temperature comparison between monster fan and air-duct side panel. They are installed with front and rear 12 cm fans.

Components

Case	ECA3162
PSU	EMD525AWT
CPU	Intel P4 840 Extreme Edition
CPU cooler	Intel Boxed Heatsink
Mainboard	Gigabyte X48-DQ6
RAM module	2x DDR3 1GB
HDD	Seagate SATAII 250GB
VGA card	2x ASUS ATI HD 3870 CrossfireX
Fans	12cm front fan and 12cm rear fan

Results

	MONSTER FAN (900 RPM)	AIR-DUCT
VGA-1 (master)	47,5 ˚C	74,0 ˚C
VGA-2 (slave)	56,3 ˚C	72,2 ˚C
RAM-1	32,3 ˚C	43,4 ˚C
RAM-2	31,0 ˚C	52,8 ˚C
CPU Heatsink	37,2 ˚C	40,3 ˚C
CPU Body	47,0 ˚C	51,0 ˚C
Upper part of chassis	22,6 ˚C	33,5 ˚C
Center part of chassis	29,1 ˚C	37,7 ˚C
Down part of chassis	27,7 ˚C	29,8 ˚C

Certification